

NATURAL RESOURCES CONSERVATION SERVICE

VIRGINIA

OPERATION AND MAINTENANCE REQUIREMENTS

STRUCTURE FOR WATER CONTROL

CODE 587

Land Owner/Operator_____

County_____ SWCD_____ Farm/Tract No. _____

Prepared By_____ Date_____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained structure for water control is an asset to the farm. The structure was designed and installed to control water stage, discharge, distribution, delivery, or direction of flow. Estimated life span of this installation is at least _____ years. The life of the structure can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program includes:

- Structures will be checked and necessary maintenance, including removal of debris, shall be performed after major storms and at least semi-annually. Water level management and timing shall be in accordance with the additional O&M requirements listed below.
- Maintain the width, height, and side slopes of soil berms. Flashboard risers, pipes, rip-rap, drops, chutes, turnouts, surface water inlets, head gates, pump boxes, stilling basins, sluices, and other component measures will be maintained to the original installation conditions.
- Remove accumulated soil and debris and any blockage that restricts capacity. Repair any cracks or breaks. If settlement is present, investigate the cause and repair accordingly.
- Avoid the use of tillage equipment that accelerates soil removal around the improvements. If livestock are present, prevent access to components that may be subjected to damage by livestock. If fences are installed, they shall be maintained to prevent unauthorized livestock entry.
- Check concrete surfaces for accelerated weathering, spalling, settlement, alignment or cracks. Repair immediately, as reinforcement steel can be exposed and reduce the life of the structure.
- Maintain vegetated areas in adequate cover. Reseed, fertilize, and mow as needed.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.
- Immediately repair any vandalism, vehicular, or livestock damage to earthfills, side slopes, spillways, outlets or other appurtenances.

Additional Operation and Maintenance Requirements Specific to this Plan:_____

[illegible]